

Memorandum

Date : September 10, 2001

Telephone: (916) 654-4996

File: Henrietta Peaker Plant

To: William J. Keese, Chairman
Michal C. Moore, Ph.D
Robert A. Laurie
Robert Pernel
Arthur H. Rosenfeld, Ph.D

From: California Energy Commission -
1516 Ninth Street
Sacramento, CA 95814-5512

Steve Larson
Executive Director

Subject: **GWF HENRIETTA PEAKER PLANT DATA ADEQUACY RECOMMENDATION
(01-AFC-18)**

We have reviewed the Henrietta Peaker Plant (HPP) Project Application for Certification (AFC) filed by GWF Energy LLC (GWF) on August 27, 2001. The applicant proposes to construct and operate a 91.4 megawatt (MW) natural gas-fired, simple-cycle electric generating facility. GWF has requested the project be reviewed under the 4 month process allowed under Public Resources Code § 25552. To qualify for this process the project must meet all of the information requirements for the 12 month process as well.

We do not believe the AFC meets the requirements of Title 20, § 1704, Appendix B for the 12 month process. Therefore, we recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 23 technical disciplines reviewed, we believe the information contained in the AFC is deficient in 11 areas. The sections of the AFC that require additional information to meet data adequacy for the twelve-month process are: Air Quality, Alternatives, Biological Resources, Cultural Resources, Land Use, Public Health, Socioeconomics, Soil Resources, Traffic and Transportation, Visual Resources, and Water Resources.

After review of the AFC using the criteria set forth in Public Resources Code § 25552 staff does not believe it meets the data adequacy requirements of the 4 month process. We, therefore, also recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 23 technical disciplines, we believe the information contained in the AFC is deficient in 8 areas. The sections of the AFC that require additional information to meet data adequacy for the 4 month process are: Air Quality, Biological Resources, Land Use, Project Overview, Public Health, Socioeconomics, Soil Resources, and Water Resources.

Attached is a summary table and data adequacy worksheets for all technical disciplines. The worksheets for the aforementioned sections identify the additional information that we believe is necessary to fulfill the AFC data adequacy requirements.

At the Energy Commission's business meeting on September 12, 2001, I will be recommending that the Energy Commission adopt the aforementioned deficiencies and not accept the AFC until the additional information specified in the data adequacy worksheets is supplied.

If you have any questions, please call Bob Eller, Energy Commission's Project Manager, at (916) 651-8835.

STEVE LARSON
Executive Director

SL:BE

Attachments

cc: Doug Wheeler, GWF

**GWF HENRIETTA PEAKER PLANT DATA ADEQUACY DETERMINATION
(12-MONTH AND 4-MONTH DATA ADEQUACY)**

Technical Area	Data Adequacy			
	12-Mo.	Page No.	4-Mo.	Page No.
Air Quality	No	1	No	7
Alternatives	No	9	N/A	---
Biological Resources	No	10	No	15
Cultural Resources	No	16	Yes	19
Efficiency	Yes	20	N/A	---
Facility Design	Yes	22	N/A	---
Geological Hazards	Yes	25	Yes	27
Hazardous Materials	Yes	28	Yes	31
Land Use	No	32	No	35
Noise	Yes	36	Yes	40
Paleontological Resources	Yes	41	Yes	44
Project Overview	Yes	45	No	49
Public Health	No	50	No	52
Reliability	Yes	53	N/A	---
Socioeconomics/ Environmental Justice	No	55	No	59
Soil Resources	No	60	No	63
Trans Line Safety/Nuisance	Yes	64	Yes	66
Traffic and Transportation	No	67	Yes	71
Transmission System Engineering	Yes	72	Yes	74
Visual Resources	No	75	Yes	78
Waste Management	Yes	79	Yes	82
Water Resources	No	83	No	88
Worker Safety	Yes	89	Yes	91

ATTACHMENT B

ENERGY COMMISSION STAFF'S List of Data Inadequacies

**GWF HENRIETTA PEAKER PLANT
(01-AFC-18)**

September 10, 2001

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§2.2.10; Pages 2.14,15 §8.1; Pages 8.1-1 to -59 Appendix B	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.		Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	§2.2.2; Page 2-2 §2.2.6; Page 2-7 §8.1.4.3; Page 8.1-28 Table 8.1-17; Page 8.1-50	No	Provide heating value and chemical characteristics of proposed fuel (natural gas).
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	§2.2.11'; Pages 2-11,12 §8.1.3; Pages 8.1-13 to -22	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	§1.5.6; Page 1-7 §2.2.4; Page 2-3,4 (Note: no wet cooling is proposed)	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	§8.1.4.2; Page 8.1-24,25 §8.1.5; Page 8.1-31 to -33 Tables 8.1-13 to -15; Pages 8.1-48,49 Appendix B	No	Emission estimates from ammonia and other expected regular deliveries (secondary emission sources).
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	§2.2.17 Page 2-17 §8.1.4.2; Pages 8.1-24,25 §8.1.5; Pages 8.1-31 to -33 Tables 8.1-13 to -15; Pages 8.1-48,49 Appendix B	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	§8.1.2.2; Pages 8.1-11 to -12 Tables 8.1-4 to -8; Pages 8.1-41 to -44 (Note: 1994-2000)	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Electronic Filing on CD (Note: NAS Lemoore meteorological data from 1968)	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)		N/A	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix B Electronic Filing on CD	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	§8.1.4.3; Page 8.1-25 to -28 Tables 8.1-16,18; Pages 8.1-50,51 Appendix B Electronic Filing on CD	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	§8.1.4.3; Page 8.1-25 to -29 Tables 8.1-19 to -21, Pages 8.1-52,53 Appendix B Electronic Filing on CD	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	§8.1.6; Pages 8.1-33	No	Cumulative air quality modeling protocol. (The Applicant's assumption stated in Section 8.1.6 that only other power projects within 6 miles of the project need to be included in the cumulative modeling analysis is incorrect. All stationary sources meeting the required criteria must be evaluated.)
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Table 8.1-22,23, Page 8.1-54,55	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	§8.1.7; Pages 8.1-33,34 Table 8.1-23; Page 8.1-55 Appendix B (Note: HPP proposes to use SO ₂ ERCs to offset PM ₁₀ . In a memo date 8/8/01 from D. Deckman to D. Wheeler (Appendix B), SJVAPCD is accepting a demonstration that the project would not cause PM ₁₀ ambient concentrations in excess of significance criteria in Title 40 Code of Federal Regulations Part 51.165(b)(2). These thresholds are 5µg/m ³ and 1µg/m ³ for 24-hr and annual averaging periods, respectively.)	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Appendix B	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 8.6-1a, 1b, Appendix E Figure 8.8-1, Appendix I	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-25, Pages 8.1-56 to – 59	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/Will Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-25, Pages 8.1-56 to - 59	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§8.1.8, Pages 8.1-34,35 Table 8.1-25, Pages 8.1-56 to - 59	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§8.1.10, Page 8.1-35	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.1-24; Page 8.1-55 (note: discussion with District has identified that the schedule for issuing the air quality permits is sometime prior to October 8, 2001)	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/William Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Appendix K-5	No	Specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District.
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Appendix K-5	No	Specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District.
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Appendix K-5	No	Specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District.
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			
§25552(e)(5)(A) (Project Overview)	[t]hat the thermal powerplant will cease to operate and the permit will terminate within three years; or		N/A	
§25552(e)(5)(B) (Air Quality)	[t]hat the thermal powerplant will be recertified, modified, replaced, or removed within a period of three years with a cogeneration or combined-cycle thermal powerplant that uses best available control technology and obtains necessary offsets, as determined at the time the combine-cycle thermal powerplant is constructed, and that complies with all other applicable laws, ordinances, and standards;	AFC Cover Letter (The project is defined as a peaker plant only for the 10-year contract with DWR and the Applicant has requested that the Commission use its discretion to suspend this requirement)	No	Applicant requests waiver of requirement. Pending legislation may also waive requirement.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Four Month Expedited Process)

Revision No. 0 Date 8/31/01

Technical Area: **Air Quality**

Project: GWF Henrietta Peaker Project

Technical Staff: Lisa Blewitt/William Walters

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: M. Layton/M. Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)(6) (Air Quality)	Where applicable, that the thermal powerplant will obtain offsets or, where offsets are unavailable, pay an air emissions mitigation fee to the air pollution control district or air quality management district based upon the actual emissions from the thermal powerplant, to the district for expenditure by the district pursuant to Chapter 9 (commencing with Section 44275) of Part 5 of Division 26 of the Health and Safety Code, to mitigate the emission from the plant. To the extent consistent with federal law and regulation, any offsets required pursuant to this paragraph shall be based upon a 1:1 ratio, unless, after consultation with the applicable air pollution control district or air quality management district, the commission finds that a different ratio should be required.	§8.1.7 pgs 8.1-33,34 Table 8.1-23 pg 8.1-55 Appendix B	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/07/01

Technical Area: **Alternatives**
 Project Manager: Bob Eller

Project: GWF Henrietta Peaker Project
 Docket: 01-AFC-18

Technical Staff: Bob Eller
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Section 5.2.1, Page 5-3	No	Please describe the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints.
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Section 5.0, Page 5-1 to 5-8	No	Please provide a discussion of the range of reasonable alternatives that lessen or avoid the identified environmental impacts of the project.
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Section 5.0, Page 5-1 to 5-8	No	Please evaluate the comparative engineering, economic, and environmental merits of the alternatives.

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scollard
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing Site Conditions: Section 8.2.1, pp. 8.2-1-8.2-2. Section 8.2, p. 8.2-4. Impacts: Sections 8.2.3-8.2.5, pp. 8.2-4-8.2-5. Mitigation & Monitoring: Section 8.2.6, pp. 8.2-5-8.2-6. Mitigation & Monitoring Plan: Section 8.2.8.1, p. 8.2-8; Appendix K6.	Yes Yes Yes Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional bio. overview: Section 8.2.1, p. 8.2-1. 1:100,000 scale map: Section 8.2, Figure 8.2-1.	No Yes	On a regional scale, provide a general description of the biological resources, especially sensitive species.

Adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/6/01

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scofield
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Discussion and a 1:6000 scale maps: Section 8.2.4.1, p. 8.2-2. List of potential species: Section 8.2, Table 8.2-1, p. 8.2-12. List of species seen during field surveys: Section 8.2, Table 8.2-2, p. 8.2-13.	No Yes Yes	Please provide a 1:6,000 scale map of the HPP and its surrounding areas that shows the location of sensitive species (e.g., blunt-nosed leopard lizard and San Joaquin kit fox) and/or their habitat.
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Plant Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Studies: Section 8.2.2; pp. 8.2-3-8.2-4; Figure 8.2-2. Names & Qualifications of those completing biological resource studies: Section 8.2.2.1, p. 8.2-3. Appendix K, sub-appendix C. Copy of CNDDDB database and survey forms: Section 8.2.2.2, p. 8.2-4.	Yes No No	Provide the qualifications (resume) for Christine O'Rourke. Provide the CNDDDB database forms.

Adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/6/01

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scofield
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Impacts: Sections 8.2.3-8.2.5, pp. 8.2-4-8.2-5. Cooling tower drift: Once-through cooling:	Yes N/A N/A	
Appendix B (g) (13) (E)	A discussion of the following:			
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Avoidance an/or reduce impacts measures: Section 8.2.6, pp. 8.2-5-8.2-6. Sections 8.2.8-8.2-10, pp. 8.2-8-8.2-9.	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Mitigation measures: Section 8.2.6, pp. 8.2-5-8.2-6. Appendix K6 (Draft BRMIMP).	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Educational programs: Appendix K6 (Draft BRMIMP).	No	The applicant has provided some language in the Draft BRMIMP that states field personnel will be regularly communicated with in order to meet the terms of the BRMIMP. The applicant needs to specify if an employee awareness program will be developed to protect biological resources.

Adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/6/01

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scofield
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance monitoring: Appendix K6	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Commercial & recreational species: Section 8.2.1.3, p. 8.2-2	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:			
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Listed species: Section 8.2.1.4, p. 8.2-2. Table 8.2-1, p. 8.2-12.	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Listed species and sensitive habitats: Section 8.2, pp. 8.2-1 –8.2-4.	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Listed species: Section 8.2, pp. 8.2-1 –8.2-4.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Section 8.2.7, Table 8.2-3, p. 8.2-13.	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/6/01

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scofield
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Agency jurisdiction/permit table: Section 8.2.7, Table 8.2-3, p. 8.2-13.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Discussion on conformity with LORS: Section 8.2.8, pp. 8.2-8-8.2-9.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Section 8.2.12, pp. 8.2-9-8.2-10.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permit schedule: Section 8.2.11, p. 8.2-9.	Yes	

Adequacy Issue: Adequate _____ Inadequate **x** _____

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date September 6, 2001

Technical Area: **Biological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tom Scofield
Natasha Nelson

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Jim Brownell

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.2.6, pp. 8.2-5-8.2-6; Appendix K6 (Draft BRMIMP)	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.2.8, pp. 8.2-8-8.2-9	No	<p>The applicant has assumed that the project qualifies to be permitted under the existing Kern Water Bank Habitat Conservation Plan (KWBHCP). Although the Kern Water Bank Authority's Master Permit will allow the incidental take of listed species by third persons for projects with minor impacts, the coverage is limited to specific areas, the closest of which is Kettleman Hills, Kings County. In addition, third party permitting requires prior approval of the USFWS.</p> <p>For staff to have assurance that the application could be permitted for incidental take, provide a letter from USFWS stating their approval of Henrietta Peaker Project to gain permit coverage under this plan.</p> <p>If incidental take cannot be permitted by Kern Water Bank Authority, then provide a letter from USFWS which states an application for a Section 7 or Section 10(a) permit has been accepted as complete. The application <u>must</u> request a "no effect" or "may affect, not likely to adversely affect" for all listed species (Note: only informal consultations can be completed within a 4-month process). Include the name and phone number of any agency contacts, the cover letter sent to the USFWS, and a copy of the Biological Assessment.</p>

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Cultural Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Paul Shattuck

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Vol. 1, Sec. 8.3, Page 8.3-20 AFC Vol. 1, Sec. 8.3, Page 8.3-11	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	AFC Vol. 1, Sec. 8.3, Pages 8.3-2 to 8.3-8 AFC Vol. 1, Sec. 8.3, figure 8.3-4	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	AFC Vol. 1, Sec. 8.3, Page 8.3-8 to 8.3-11 AFC Vol. 1, Sec. 8.3, p. 8.3-10 and Table 8.3-2 AFC Vol. 1, Sec. 8.3, Page 8.3-10	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Cultural Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Paul Shattuck

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	AFC Vol. 1, Sec. 8.3, Page 8.3-11	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	AFC Confidential Appendix C, Attachment 3	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.		No	Please provide a plan for cultural resources education and training of construction and supervisory personnel for this project.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Vol. 1, Sec. 8.3	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Cultural Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Paul Shattuck

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Vol. 1, Sec. 8.3, Table 8.3-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Vol. 1, Sec. 8.3, Pages 8.3-12 to 8.3-16	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Vol. 1, Sec. 8.3, Table 8.3-4	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Vol. 1, Sec. 8.3, Page 8.3-17	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No. 0 Date 9/7/01

Technical Area: **Cultural Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Paul Shattuck

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	AFC Vol. 1, Sec. 8.3, Pages 8.3-11 to 8.3-12	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	AFC Vol. 1, Sec. 8.3, Page 8.3-15	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	AFC Vol. 1, Sec. 8.3, Pages 8.3-13 to 8.3-16	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: Efficiency

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.5.5, 1.6, 2.2.2, 2.2.17, 5.3 through 5.3.5 Figures 2-5, 2-6, 2-7	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 2-5, 2-6, 2-7 § 2.2.2	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§ 1.5.5	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§1.6 Figures 2-5, 2-6, 2-7	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§ 1.6, 2.2.2, 2.2.17	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.		N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§§ 5.3 through 5.3.5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: Efficiency

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;		N/A	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: Facility Design

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	See Water Resources	N/A	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Water Resources	N/A	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Water Resources	N/A	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Water Resources	N/A	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Water Resources	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 2-5, 8.15-2 §§ 2.5 through 2.5.3, 8.15.5 Appendices H1 through H5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 2-5, 8.15-2 §§ 7.6, 9.0	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Facility Design**

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Tables 2-5, 8.15-2 §§ 1.7, 1.8.15, 8.15.6 Appendix K2	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§§ 8.15.7, 9.0	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§§ 7.6, 8.15.8	Yes	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§§ 1.7, 1.8.15, 2.2.16, 2.3.1, 8.14.1.1, 8.15 Appendices H1-3, H1, H2	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§§ 2.2.16, 8.15.4 Appendices H1, H2	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Appendices H1-1, H2	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	Figures 2-3A, 2-3B, 2-4A, 2-5, 2-6, 2-7	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Facility Design**

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 1.1, 1.5.2, 2.1, 2.2.2, 2.2.3, 2.2.4	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 1.5.2, 2.2.4, 2.2.8	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.5.2, 1.5.6, 1.8.14, 2.1, 2.2.7 through 2.2.7.4, 8.14	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§§ 1.1, 1.5.2, 2.2.2, 2.2.4.1, 2.2.11, 8.1	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 1.5.2, 1.5.7, 1.8.13, 2.2.9, 8.13	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);		N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§§ 1.1, 1.5.2, 1.5.4, 2.1, 2.2.5, 6.0	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Geological Hazards**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/10/2001
 Technical Staff: Dal Hunter
 Technical Senior: Pilling/Alexander

Project: GWF Henrietta Peaker Project
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.9.1; page 8.9-1 Section 8.15.1.3; page 8.15-6 Sections 8.15.2 through 8.15.4; pages 8.15-10 through 8.15-14	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 8.15-1; pages 8.15-1 through 8.15-10	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figures 8.15.1 to 8.15.5; Section 8.15.2, pages 8.15-10 to 8.15-14 Table 8.15-1, page 8.15-21	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Figure 8.15-5; Section 8.15.1.4, page 8.15-9	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.15-2, page 8.15-22	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Geological Hazards**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/10/2001
 Technical Staff: Dal Hunter
 Technical Senior: Pilling/Alexander

Project: GWF Henrietta Peaker Project
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.15-2, page 8.15-22	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 8.15.5 and 8.15.6, pages 8.15-14 and 8.15-15	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.15.7, page 8.15-15	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No. 0 Date 9/10/2001

Technical Area: **Geological Hazards**

Project: GWF Henrietta Peaker Project

Technical Staff: Dal Hunter

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Pilling/Alexander

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.15.3, 8.15.4, Pages 8.15-14 Section 8.15.5, pages 8.15-14 through 8.15-15	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Section 8.15.2, pages 8.15.10 through 8.15-14 Section 8.15.3, 8.15.4, Pages 8.15-14 Section 8.15.5, pages 8.15-14 through 8.15-15	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.15.5, pages 8.15-14 through 8.15-15	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sections 1.3, 1.4 Pages 1-3	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/5/01

Technical Area: **Hazardous Materials Handling**

Project: GWF Henrietta Peaker project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.12.2	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Tables 8.12-1 & 8.12-2	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 8.6-2	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 8.12.2.3	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	The modeling has been executed and available in section 8.12.3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date 9/5/01

Technical Area: **Hazardous Materials Handling**

Project: GWF Henrietta Peaker project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 8.12.3.6	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.12.2.3	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.12-10	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.12-10	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.12.10	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.12.8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Hazardous Materials Handling**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/5/01
 Technical Staff: Ramesh Sundareswaran
 Technical Senior: Rick Tyler

Project: GWF Henrietta Peaker project
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.12.8.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No. 0 Date 9/5/01

Technical Area: **Hazardous Materials Handling**

Project: GWF Henrietta Peaker Project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sections 8.12.3.5 & 8.12.5	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Section 8.12.5	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.12.7	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			
§25552(e)(5)(A) (Project Overview)	[t]hat the thermal powerplant will cease to operate and the permit will terminate within three years; or		N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept. 6, 2001

Technical Area: **Land Use**

Project: GWF Henrietta Peaker Project

Technical Staff: Mark R. Hamblin

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page. 8.4-6-8, Sect. 8.4.3.1. Page. 8.4-12 –15, Sect. 8.4.4.2-8.4.5. Page. 8.4.15 – 17, Sect. 8.4.5.	No	Discuss the direct and cumulative impacts of the loss of farmland of statewide importance farmland, including the potential for this project to induce agricultural land conversion, and overall urban growth on surrounding parcels. We suggest using the California Department of Conservation's Agricultural Land and Site Assessment Model (LESA) to characterize the loss of farmland of statewide importance. Contact Eric Vink at the Dept. of Conservation at (916) 324-0859. Discuss measures for mitigating the loss of farmland of statewide importance.
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Page 8.4-6-8, Sect. 8.4.3.1. Table 8.4-4. Table 8.4-5.	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Page 8.4-8, Sect. 8.4-8. Figure 8.4-1. Figure 8.4-3.	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Page 8.4-11, Sect. 8.4.3.5. Page 8.4-9, Sect. 8.4.3.2.	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Page 8.4-11, Sect. 8.4.3.5.	Yes	

Adequacy Issue: Adequate _____ Inadequate **X****DATA ADEQUACY WORKSHEET**

Revision No. 0 Date Sept. 6, 2001

Technical Area: **Land Use**

Project: GWF Henrietta Peaker Project

Technical Staff: Mark R. Hamblin

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figure 1-1 Figure 8.4-1. Figure 8.4-2. Figure 8.4-3. Figure 8.9-2.	Yes	
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Page 8.4-13-15, Sect. 8.4.4.2 –8.4.4.3.	Yes	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Figure 8.9-2. Page 8.9-1, Sect. 8.9.1.	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Page 8.9-1-2, Sect. 8.9.1.	Yes	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Page 8.9-2-3, Sect. 8.9.2.1. Page 8.9-4-5, Sect. 8.9.2.4.	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Page 8.9-1-2, Sect. 8.9.1-2. Page 8.9-3-4, Sect. 8.9.2.3.	Yes	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Page 8.9-1-2, Sect. 8.9.1-2. Page 8.4-15-16, Sect. 8.4.5-6.	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept. 6, 2001

Technical Area: **Land Use**

Project: GWF Henrietta Peaker Project

Technical Staff: Mark R. Hamblin

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.4-8. Table 8.4-2. Table 8.4-3. Table 8.4-5. Table 8.9-3.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.4-8. Table 8.9-3.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.4-8. Table 8.9-3.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.4-17, Sect. 8.4.8	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.4-18, Sect. 8.4.10	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date September 7, 2001

Technical Area: **Land Use**

Project: GWF Henrietta Peaker Project

Technical Staff: Mark R. Hamblin

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Page 8.4-11-17, Sect. 8.4.4. – 8.4.9. Page 8.4-12 –17, Sect. 8.4.4.2 – 8.4.9.	No	Discuss the direct and cumulative impacts of the loss of farmland of statewide importance, including the potential for this project to induce agricultural land conversion, and overall urban growth on surrounding parcels. We suggest using the California Department of Conservation's Agricultural Land and Site Assessment Model (LESA) to characterize the loss of farmland of statewide importance. Contact Molly Penberth at the Dept. of Conservation at (916) 324-0859. Discuss measures for mitigating the impact of the loss of farmland of statewide importance. The response to App.B item (g)(1) will meet this requirement.
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Page 1-12-13, Sect. 1.8.4. Page 8.4-12 –17, Sect. 8.4.4.2 – 8.4.9.	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Page 8.4-17, Sect. 8.4.9.	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Page 1-3, Sect. 1.4.	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 20001

Technical Area: **Noise**

Project: GWF Henrietta Peaker Project

Technical Staff: Fred Greve

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.5.3 through 8.5.5, Pages 8.5-3 to 8.5-7.	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figure 8.5-3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 20001

Technical Area: **Noise**

Project: GWF Henrietta Peaker Project

Technical Staff: Fred Greve

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in Leq (equivalent sound or noise level), Ldn (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L10, L50, and L90 values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	Section 8.5.3, p 8.5-3.	Yes	
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Section 8.5.4.1, Pages 8.5-3 to 8.5-5.	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Section 8.5.4, Pages 8.5-3 to 8.5-6.	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 20001

Technical Area: **Noise**

Project: GWF Henrietta Peaker Project

Technical Staff: Fred Greve

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Section 8.5.4.2, Pages 8.5-5 to 8.5-6.	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	Section 8.5.4.1, Page 8.5-4.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.5-3, Page 8.5-13, and Table 8.5-7, Page 8.5-16.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.5-7, Page 8.5-16.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.5.7, Pages 8.5-7 to 8.5-10.	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 20001

Technical Area: **Noise**

Project: GWF Henrietta Peaker Project

Technical Staff: Fred Greve

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.5.8, Pages 8.5-10.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.5.9, Page 8.5-10.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 8/29/01

Technical Area: Noise

Project: GWF Henrietta Peaker Project

Technical Staff: Fred Greve

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Buntin/Alexander

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sections 8.5.4 to 8.5.6, Pages 8.5-3 to 8.5-7.	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Section 8.5.4, Pages 8.5-3 to 8.5-6.	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.5.7, Pages 8.5-7 to 8.5-10	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 1.4, Page 1-3	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Paleontological Resources**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Project: GWF Henrietta Peaker Project
 Docket: 01-AFC-18

Revision No. 0 Date 9/10/2001
 Technical Staff: Dal Hunter
 Technical Senior: Pilling/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.16.1 through 8.16.4, pages 8.16-2 through 8.16-12; Appendix L	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Sections 8.16.1.1 through 8.16.1.3, pages 8.16-2 through 8.16-6; Appendix L	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Pages 8.16-6 through 8.16-8; Table 8.16-2, page 8.16-17; Appendix L	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Section 8.16.1, pages 8.16-3 and 8.16-4, 8.16-7; Appendix L	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix L	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Project: GWF Henrietta Peaker Project
 Docket: 01-AFC-18

Revision No. 0 Date 9/10/2001
 Technical Staff: Dal Hunter
 Technical Senior: Pilling/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 8.16.3, pages 8.16-10 and 8.16-11; Appendix L	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.16-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.16.5, pages 8.16-12 through 8.16-14; Table 8.16-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.16.5, pages 8.16-12 through 8.16-14	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.16.5.5, page 8.16-14	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/10/2001
 Project: GWF Henrietta Peaker Project Technical Staff: Dal Hunter
 Docket: 01-AFC-18 Technical Senior: Pilling/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.16.5.6, page 8.16-14	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 9/10/2001

Technical Area: **Paleontological Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Dal Hunter

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Pilling/Alexander

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sections 8.16.2.3, 8.16.3, and 8.16-4, pages 8.16-10 through 8.16.12	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	N/A	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sections 8.16.5 Pages 8.16-12 through 8.16-14	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sections 1.3, 1.4 Pages 1-3	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 09-07-01
 Technical Staff: Bob Eller
 Technical Senior: Paul Richins

Project: GWF Henrietta Peaker Plant
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Entire AFC.	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Entire AFC.	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Entire AFC.	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Entire AFC.	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Section 2.0; Pages 2-1 to 2-47 and Figures.	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Section 1.5.1 Pages 1-3 to 1-4	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Figures 1-1 and 1-2.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 09-07-01

Technical Area: **Project Overview**

Project: GWF Henrietta Peaker Plant

Technical Staff: Bob Eller

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figures 8.11-2 to 8.11-11	Yes	
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix D	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 1.4 Page 1-3	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1.2 Pages 1-2 and 1-3	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 6.0 Page 6-1	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Section 1.2 Pages 1-2 and 1-3	Yes	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figure 8.4-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 09-07-01

Technical Area: **Project Overview**

Project: GWF Henrietta Peaker Plant

Technical Staff: Bob Eller

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figures 2-3A, 2-3B, 2-4A, and 2-4B.	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 2-2 Pages 2-2 to 2-17	Yes	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figure 8.4-3	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figures 8.11-2 to 8.11-11	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 09-07-01
 Technical Staff: Bob Eller
 Technical Senior: Paul Richins

Project: GWF Henrietta Peaker Plant
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.		N/A	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.		N/A	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 4.0	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 09-07-01

Technical Area: **Project Overview**

Project: GWF Henrietta Peaker Plant

Technical Staff: Bob Eller

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Paul Richins

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;		N/A	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;		N/A	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 2.2.15; Page 2-16	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			
§25552(e)(5)(A) (Project Overview)	[t]hat the thermal powerplant will cease to operate and the permit will terminate within three years; or	AFC Cover Letter	No	Applicant requests waiver of requirement. Pending legislation may also waive requirement.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date September 6, 2001

Technical Area: **Public Health**

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.1.3.5 Sec. 8.6.1 Sec. 8.6.2.7 Sec. 8.6.2.8 Sec. 8.6.3.3 Appendix B	No	Public health impacts due to pre-construction site preparation and construction equipment diesel exhaust must be provided as well as proposed mitigation.
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Table 8.6– 1	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Sec. 8.6.2.3 Sec. 8.6.2.4	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Figure 8.6-1a,b (in appendix E)	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 8.6-2 (in appendix E)	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date September 6, 2001

Technical Area: **Public Health**

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.6-6 Sec. 8.6.4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.6-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.1.3 Sec. 8.6.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.6.5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.6.6	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date September 6, 2001

Technical Area: **Public Health**
Project Manager: **Bob Eller**

Project: **GWF Henrietta Peaker Project**
Docket: **01-AFC-18**

Technical Staff: **Alvin Greenberg**
Technical Senior: **Mike Ringer**

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal power plant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.6.2.1 Sec. 8.6.2.2 Sec. 8.6.2.7 Sec. 8.6.2.8 Table 8.6-4 Sec. 8.6.3 Sec. 8.6.2.10 Appendix B	No	Public health impacts due to pre-construction site preparation and construction equipment diesel exhaust must be provided as well as proposed mitigation.
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Sec. 8.6.2.7 Sec. 8.6.2.8 Table 8.6-4	No	See above
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.6.4 Sec. 8.6.7 Table 8.6-6	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal power plant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec. 1.4	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Reliability**

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.5.2, 1.5.5, 1.5.6, 1.5.9, 1.6, 1.7, 1.8.14, 1.8.15, 2.1, 2.2.2, 2.2.7, 2.2.7.2, 2.2.7.4, 2.2.8, 2.2.11 through 2.2.11.4, 2.2.12, 2.2.13.3 through 2.2.13.7, 2.2.17, 2.3.1, 2.4.1, 2.4.2 through 2.4.2.4, 2.4.3, 2.4.4, 2.4.5 through 2.4.5.2, 7.0, 7.5, 8.14.1.1 Table 2-4 Appendix G1	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.1, 1.5.5, 2.1, 2.4.3, 7.0	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:			
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 1.5.9, 1.6, 2.2.2, 2.2.17, 2.4.1	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.1, 1.5.2, 2.1, 2.2.2, 2.2.7.2, 2.2.7.4, 2.2.8, 2.2.11 through 2.2.11.4, 2.4.1, 2.4.2 through 2.4.2.4	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.5.2, 1.5.6, 1.7, 1.8.14, 1.8.15, 2.1, 2.2.7, 2.2.7.2, 2.3.1, 2.4.4, 8.14.1.1	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Reliability**

Project: GWF Henrietta Peaker Project

Technical Staff: Shahab Khoshmashrab

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 1.7, 2.2.12, 2.2.13.3 through 2.2.13.7, 2.4.5 through 2.4.5.2, 7.5	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§§ 1.5.9, 2.4.1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;		N/A	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 30, 2001

Technical Area: **Socioeconomics**

Project: GWF Henrietta Peaker Project

Technical Staff: James Adams

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 8.8-1 through 8-32 Section 8.8	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	Pages 8.8-1 through 8-10 Section 8.8.1.1, 1.2, 1.3, 1.4, Tables 8.8-2, 8-3, 8-4 Pages 8.8-30 through 8-32	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Pages 8.8-1 through 8-10 Section 8.8.1.1, 1.2, 1.3, 1.4, Tables 8.8-2, 8-3, 8-4 Pages 8.8-30 through 8-32 Table 8.8-11, Page 8.8-40	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Pages 8.8-4 through 8-6 Section 8.8.1.2 Table 8.8-6, 8-7, 8-8 Pages 8.8-16 through 8-19 Section 8.8.3	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Pages 8.8-1 through 8-3 Section 8.8.1 Tables 8.8-1, 8-2, 8-3, 8-4 Pages 8.8-29 through 8-32	No	Please provide projected unemployment rates.
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Pages 8.8-2 & 3 Section 8.8.1 Table 8.8-5, Page. 8.8-33	No	Please provide the availability of skilled workers by craft required for construction and operation of the project.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 30, 2001

Technical Area: **Socioeconomics**

Project: GWF Henrietta Peaker Project

Technical Staff: James Adams

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Page 8.8-6 Section 8.8.1.2	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Pages 8.8-7 through 8-0 Section 8.8.1.3	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	Pages 8.8-11 through 8-16 Section 8.8.2.2, 2.3, 2.4, 2.5	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Pages 8.8-11 & 12 Section 8.8.2.2 Table 8.8-13, Pg. 8.8-42	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Pages 8.8-11 & 12 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pages 8.8-13 & 14 Section 8.8.2.3	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pages 8.8-13 & 14 Section 8.8.2.3	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 30, 2001

Technical Area: **Socioeconomics**

Project: GWF Henrietta Peaker Project

Technical Staff: James Adams

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Pages 8.8-14 & 15 Section 8.8.2.4	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Page 8.8-14 Section 8.8.2.4	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pages 8.8-11 through 8-13 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Pages 8.8-11 through 8-13 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Pages 8.8-11, 8-15 & 16 Section 8.8.2.5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.8-16 Page 8.8-44	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 30, 2001

Technical Area: **Socioeconomics**

Project: GWF Henrietta Peaker Project

Technical Staff: James Adams

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.8-24 Section 8.8.8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.8-16, Page 8.8-44	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.8-24 Section 8.8.8	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.8-24 Section 8.8.8	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Socioeconomics**

Project: GWF Henrietta Peaker Project

Technical Staff: James Adams

Project Manager:

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Page 1-1, Section 1.0 Page 1-19, Section 1.10 Page 8.8-10, Section 8.8.2 Pages 8.8-21 & 22 Section 8.8-4	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Page 8.8-22 & 23 Section 8.8.6 Table 8.8-16, Page 8.8-44	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Soil Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 1.8.9 Page 1-16 Sec. 8.9.2 Sec. 8.9.4 Sec. 8.9.2.4 Sec. 8.9.5.1 Sec. 8.9.5.2 Pages 8.9-1 to 8.9-6 Sec. 8.15.1.3 Page 8.15-8	No	Please Provide information on the intended use of the parcel outside of the 7 acres that are planned for the project. Please provide an estimate of the current soil erosion and a cumulative impacts assessment. Please provide information on proposed monitoring efforts to ensure success of mitigation measures, if any. Please discuss any direct, indirect or cumulative impacts associated with the conversion of agricultural land to industrial uses. Page 8.15-8 it is stated " the loose nature of the soil limits it use for embankments, dikes, and levees." Please describe what soil will be used for berms and drainage or what steps will be taken to make the soil suitable.
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Table 8.9-2 Figure 8.9-1 Sec. 8.9.1 Page 8.9-1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9-2 Sec. 8.9.2.1 Page 8.9-2	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Sec. 8.9.2.1 Pages 8.9-2 to 8.9-3	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Soil Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Sec. 8.9.2 Sec. 8.9.4 Sec. 8.9.5 Page 8.9-1 to 8.9-5	No	Please provide an assessment of the effects of the proposed site preparation and construction activities (grading, excavation, grubbing, revegetation, berm, cut, fill, trenching, etc..) on soil uses and agricultural lands.
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Sec. 8.9.2.1 Page 8.9-3	No	Please provide the quantification of accelerated soil loss due to wind and water erosion.
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.		No	Please provide an assessment of the effects of the plant's emissions on surrounding soil-vegetation systems.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 8.9.6 Pages 8.9-7 to 8.9-9 Table 8.9-3	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 8.9.8 Sec. 8.9.6 Pages 8.9-7 to 8.9-9 Table 8.9-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.9.6 p 8.9-7 to 8.9-9	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.9.8 p 8.9-9	Yes	

Adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET

Revision No.

0

Date

9-6-01

Technical Area:

Soil Resources

Project:

GWF Henrietta Peaker Project

Technical Staff:

Tony Mediati

Project Manager:

Bob Eller

Docket:

01-AFC-18

Technical Senior:

Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.9.9 p 8.9-9	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 9-6-01

Technical Area: **Soil Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.9.5.1 Sec. 8.9.5.2 Pages 8.9-6 to 8.9-7	No	For mitigated measures stated, please provide proposed verification measures to ensure that the powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation. If creeks, sloughs or drainages are crossed, please provide a description of the proposed conditions of certification that will ensure the construction of linear facilities will not have a significant adverse effect on the environment.
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.9.6 Pages 8.9-7 to 8.9-9 Sec 8.9.7 Table 8.9-3	No	If creeks, sloughs or drainages are crossed, please provide information on laws, regulations, ordinances, standards or permits that may be required.
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec 1.1 Page 1-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission Line Safety and Nuisance**
 Project Manager: Bob Eller

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept 3, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

Project: GWF Henrietta Peaker Plant

Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 6.0, pages 6-1 and 6-2. Appendix A.	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 6.0, pages 6-6 through 6-11.	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 6.0, pages 6-11 and 6-12. Appendix K4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 6.0, pages 6-17 through 6-19.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission Line Safety and Nuisance**
 Project Manager: **Bob Eller**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept 3, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

Project: GWF Henrietta Peaker Plant
 Docket: 01-AFC-18

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 6.0, pages 6-21 and 6-22	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.0, pages 6-11 through 6-14.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.0, page 6-22	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue:	Adequate <input checked="" type="checkbox"/> Inadequate <input type="checkbox"/>	DATA ADEQUACY WORKSHEET (Four Month Expedited Process)	Revision No. 0	Date Sept 3, 2001
Technical Area:	Transmission Line Safety and Nuisance	Project: GWF Henrietta Peaker Plant	Technical Staff:	Obed Odoemelum
Project Manager:	Bob Eller	Docket: 01-AFC-18	Technical Senior:	Mike Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 6.0, pages 6-4 through 6-14. Appendix K4.	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Section 6.0, pages 6-4 through 6-8.	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 6.0, pages 6-12 through 6-14	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 6.0, pages 6-1 through 6-4.	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Traffic and Transportation**

Project: GWF Henrietta Peaker Project

Technical Staff: Tamblyn Borton

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.10.2.2, Pages 8.20-8 to 8.10-16	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Sec 8.10.1.1, Page 8.10-2, Fig 8.10-1	No	This item requires a map at a scale of 1:250,000 rather than the 1:500,000 provided. However, since the map provided does show the major roads in the region, it will be adequate when the key highways (e.g. SR 198) used to access the site are clearly labeled, and the rail line item below is added. Provide clear labels for the railroads in the area which reflect the current ownership, such that the map is consistent with the text references on p 8.10-2 and 8.10-7 (e.g. the Union Pacific line).
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Sec 8.10.1.1, Pages 8.10-2 to 8.10-4, Fig 8.10-1 Fig.8.10-2	No	If appropriate, add the Union-Pacific rail line to Fig.10-2, since Fig.10-1 shows it crossing the highway that appears to be SR 198 in the project vicinity.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Table 8.10-4, Page 8.10-22	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Tables 8.10-2, 8.10-4	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Tables 8.10-5, 8.10-6, 8.10-7	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Traffic and Transportation**

Project: GWF Henrietta Peaker Project

Technical Staff: Tamblyn Borton

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Sec 8.10.1.2, Page 8.10-7	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Tables 8.10-2, 8.10-4, Sec 8.10.1.2, Pages 8.10-6 to 8.10-7	No	Applicant doesn't provide truck traffic percentages for local roadways, as noted on p.8.10-7. Please document the unavailability of this data through a record of conversation with the Kings County Public Works Department staff.
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Sec 8.10.1.1, Page 8.10-5,	No	Specify the road features, or lack thereof, that would affect public safety.
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Sec 8.10.1.1, Page 8.10-5	No	Provide a 1:24,000 scale topographic map of new, planned, or programmed transportation facilities.
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Sec 8.10.2.2, Pages 8.10-8 to 8.10-16	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Traffic and Transportation**

Project: GWF Henrietta Peaker Project

Technical Staff: Tamblyn Borton

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Sec 8.10.2.2, Pages 8.10-8 to 8.10-16, Sec 8.10.2.3, Pages 8.10-13 to 8.10-14, Sec 8.10.4.3, Page 8.10-16, Sec 8.12.2.1, p 8.12-3, Sec 8.12.2.2, Page 8.12-4, Sec 8.12.2.3, Page 8.12-5 Sec 8.12.3.1, Page 8.12-7, Sec 8.12.5.1, Page 8-12-16, Tables 8.12-2, 8.12-3, Fig 8.12-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.10-8, Page 8.10-25	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.10-8, Page 8.10-25	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.10-8, Page 8.10-25	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/7/01

Technical Area: **Traffic and Transportation**

Project: GWF Henrietta Peaker Project

Technical Staff: Tamblyn Borton

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.10-5, Page 8.10-17	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.10-8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No. 0 Date 9/7/01

Technical Area: **Traffic & Transportation**

Project: GWF Henrietta Peaker Project

Technical Staff: Tamblyn Borton

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Eileen Allen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec 8.10.2.2, Pages 8.10-8 to 8.10-16	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Sec 8.10.2.2, Pages 8.10-8 to 8.10-16, Sec 8.10.2.3, Pages 8.10-14 to 8.10-14, Sec 8.10.4.3, Page 8.10-16, Sec 8.12.2.1, Page 8.12-3, Sec 8.12.2.2, Page 8.12-4, Sec 8.12.2.3, Page 8.12-5, Sec 8.12.3.1, Page 8.12-7, Sec 8.12.5.1, Page 8.12-16, Tables 8.12-2, 8.12-3, Fig 8.12-1	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Table 2-5, Pages 2-43 to 2-46 Table 8.10-8, Page 8.10-25	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec 2.2.15, Page 2-16, Table 2-3 p 2-41	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-31-2001

Technical Area: **Transmission System Engineering**

Project: GWF Henrietta Peaker Project

Technical Staff: Laiping Ng

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 2.0, Page 2-1 Section 2.2.5.1, Page 2-5 Section 6.1.1 to 6.1.2.2 Page 6-1 to 6-2	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 6.0 to 6.1.2.2 Page 6-1 to 6-3	N./A.	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 6.0 to 6.1.2.2, Page 6-1 to 6-3 Appendix A	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-31-2001

Technical Area: **Transmission System Engineering**

Project: GWF Henrietta Peaker Project

Technical Staff: Laiping Ng

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 6.1, Page 6-1 to 6-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 9/5/2001

Technical Area: **Transmission System Engineering**

Project: GWF Henrietta Peaker Project

Technical Staff: Laiping Ng

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Al McCuen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Appendix A – Appendix H	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Tables 6-1 to 6-6, Page 6-17 to 6-20	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Appendix A – Appendix H	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date September 6, 2001

Technical Area: **Visual Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Eric Knight

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 8.11-1 – 8.11-8; Section 8.11 Appendix K	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pages 8.11-1 – 8.11-2; Section 8.11.1	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 8.11-1	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Page 8.11-4; Section 8.11.1.4	Yes	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pages 8.11-1 – 8.11-2; Section 8.11.1	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pages 8.11-2 – 8.11-4	No	Please provide concluding statements on the visual quality of the views from each of the KOPs.

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date September 6, 2001

Technical Area: **Visual Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Eric Knight

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pages 8.11-2 – 8.11-4; Section 8.11.1.3	No	The AFC states (page 8.11-3) that two-story houses located at NAS Lemoore (the view represented by KOP 2) would have clear views of the project. Please provide an estimate of the number of residences in the area of KOP 2 that would have views of the project. The AFC describes (page 8.11-2) the Lemoore region of the San Joaquin Valley as an expansive flatland, and that in addition to the residences at NAS Lemoore, residences in the vicinity of the project include scattered ranch style homes. Please discuss whether these residences would have views of the project, and estimate their number.
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Page 8.11-4; Section 8.11.1.4 Page 8.11-7; Section 8.11.2.2	No	The AFC states that the project components will be painted in "neutral" colors, but does not specify the color. The photosimulation of the project (Figure 8.11-11) shows the project painted with a light gray color. Please specify the proposed color for the project structures.
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 8.11-2 – 8.11-11	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pages 8.11-6 – 8.11-8; Section 8.11.2.2 Page 8.11-5; Section 8.11.1.5	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date September 6, 2001

Technical Area: **Visual Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Eric Knight

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 8.11-13; Table 8.11-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.11-11; Table 8.11.7 Page 8.4-17; Table 8.4.8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 8.11-9; Section 8.11.4.3	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.11-11; Table 8.11.7 Page 8.4-17; Table 8.4.8	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date September 6, 2001

Technical Area: **Visual Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Eric Knight

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Appendix K15	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Appendix K15	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/06/01

Technical Area: **Waste Management**

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Wringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Sec. 2.2 Sec. 8.13.2.1 Sec. 8.13.2.2	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Sec. 4.0 Sec. 8.13.4	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.13.1 Sec. 8.13.2.1 Sec. 8.13.2.2 Sec. 8.13.3.4 Sec. 8.13.5 Sec. 8.13.6 Sec. 8.13.7 Table 8.13-1 Table 8.13-2	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Appendix F	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/06/01

Technical Area: Waste Management

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Wringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Sec. 8.13.2.1 Sec. 8.13.2.2 Table 8.13-1 Table 8.13-2	Yes	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Sec. 8.13.3	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Sec. 8.13.2.1 Sec. 8.13.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.13-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/06/01

Technical Area: **Waste Management**

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Wringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.13-3 Sec. 8.13.10	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.13.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.13.10	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.13.11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date September 6, 2001

Technical Area: **Waste Management**

Project: GWF Henrietta Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Mike Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal power plant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.13.2.1 Sec. 8.13.2.2	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Sec. 8.13.2	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.13.2 Sec. 8.13.9 Table 8.13-3	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec. 1.4	Yes	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Water Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 1.8.14 Page 1-18 Sec. 2.2.9.1 Sec. 2.2.9.2 Page 2-9 Sec. 8.13.2.1 Sec. 8.13.2.2 Pages 8.13-2 to 8.13-4 Sec. 8.14 Page 8.14-1	No	<p>Please provide additional information on the water source(existing contracts), water supply and availability, chemical characteristics and volume of the discharge water, on-site treatment facilities, drainage, storage facilities and permits.</p> <p>Please provide more information on the disposal of the project wastewater and any mitigation measures or monitoring activities to be undertaken to ensure no adverse environmental impacts result.</p> <p>Please provide a discussion of the indirect and cumulative impacts associated with the operation and maintenance of the project.</p> <p>Please provide information on any monitoring activities needed to ensure that the project will not have adverse impacts on groundwater resources, waste treatment facilities and potential resolution in the event impacts are discovered.</p>
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and		No	Please provide Waste Discharge Requirements.
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Sec. 8.14.2 Page 8.14-6	No	Please provide all information required by the Regional Water Quality Control Board in a National Pollutant Discharge Elimination System Permit, or explain why this information is not needed.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: Water Resources

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Sec. 8.14.1.1 Page 8.14-1 to 8.14-4 Figure 8.2-1 Sec. 8.15.1.4 Page 8.15-9	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Sec. 8.14.1.1 Page 8.14-2 to 8.14-3	No	Please provide a hydrostratigraphic map at appropriate scale and the chemical characteristics of ground water bodies and related geologic structures. Please provide a discussion of the direct, indirect and cumulative impacts associated with the construction operation and maintenance of the project in relation to perched water. As well as any mitigation and monitoring plans.
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Sec. 8.14.1 Page 8.14-3 to 8.14-4	No	Please provide required chemical and physical characteristics for the surface water bodies that will either receive stormwater runoff from the site or proposed linear feature and any wastewater (as disposed of by the third party hauler) from the project.
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Sec. 8.14.2 Page 8.14-6 Figure 8.14-3	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Water Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Sec. 8.14.1.2 Page 8.14-4 Sec. 8.14.2 Pages 8.14-7 to 8.14-9	No	Please provide additional information regarding the alternative water supplies discussed on page 8.14-8; explain why these sources are not feasible. This discussion should include all technical & economic factors (including cost estimates and assumptions) used in the analysis.
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Table 8.14-2 Page 8.14-18 Sec. 8.14.1.2 Page 8.14-4	No	Please provide the physical and chemical characteristics of the discharge water.
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sec. 8.14.1.2 Table 2-1 and 2-2	No	Please provide information on the average and maximum daily water demand and wastewater discharge for construction phases of the project. Please provide information on the wastewater discharge for the operational phases of the project.
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Sec. 8.14.1.2 Page 8.14-4 Figure 8.14-1 and 8.14-2	No	Please provide a description of <u>all</u> facilities to be used in water conveyance, treatment, and discharge
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	Sec. 8.14.2 Pages 8.14-6 to 8.14-7		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Sec. 8.14.1.1 Pages 8.14-1 to 8.14-2 Sec. 8.14.2 Page 8.14-6 Table 8.14-1	No	Please provide information on stormwater runoff patterns at and around the site.
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Sec. 3.3.4.2 Page H1-1-14 Sec. 8.14.2 Page 8.14-6	No	Please describe the stormwater collection system (including capacity) proposed for construction and operation. Please include design criteria and calculations and expected peak flow volumes for the various facilities.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Water Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Sec. 8.14.2 Pages 8.14-7 to 8.14-8	No	Please provide information regarding the source and current use of the water. Discuss the potential for water curtailment.
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sec. 8.14.4.1 Sec. 8.14.2 Pages 8.14-5 to 8.14-10	No	Please provide information on the criteria to be used in the selection of the wastewater hauler and the ultimate disposal facility. Please provide information on the potential effects of the project's effluent on the disposal facility. Please clarify if water from the oil-water separator is going to be reused or disposed of offsite.
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Sec. 8.14.2 Page 8.14-7	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.14-3 Sec. 8.14.5.1 8.14.5.2 8.14.5.3 8.14.6 8.14.7 Pages 8.14-10 to 8.14-13	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9-6-01

Technical Area: **Water Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 8.14.5.1 8.14.5.2 8.14.5.3 8.14.6 8.14.7 8.14.9 Pages 8.14-10 to 8.14-14	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.14.5.1 8.14.5.2 8.14.5.3 8.14.6 8.14.7 Pages 8.14-10 to 8.14-13	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.14.9 Page 8.14-14	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.14-7 Page 8.14-13	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 9-6-01

Technical Area: **Water Resources**

Project: GWF Henrietta Peaker Project

Technical Staff: Tony Mediati

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Dick Anderson

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.14.4 Pages 8.14-9 to 8.14-10	No	For mitigated measures stated, please provide proposed verification measures to ensure that the powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation. If creeks, sloughs or drainages are crossed, please provide a description of the proposed conditions of certification that will ensure the construction of linear facilities will not have a significant adverse effect on the environment.
§25552(e)(2) (All)	[a]ssure protection of public health and safety;		N/A	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.14.5 Pages 8.14-10 to 8.14-13	No	If creeks, sloughs or drainages are crossed, please provide information on laws, regulations, ordinances, standards or permits that may be required.
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec 1.1 Page 1-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/05/01

Technical Area: **Worker Safety & Fire Protection**

Project: GWF Henrietta Peaker Project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.7	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 8.7.4	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 8.7.3.1	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:			
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	Section 8.7.3.1	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	Section 8.7.3.1	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	Section 8.7.3.1	Yes	
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	Section 8.7.3.2	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	Section 8.7.3.2	Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);	Sections 8.7.3.2	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	Section 8.7.3.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/05/01

Technical Area: **Worker Safety & Fire Protection**

Project: GWF Henrietta Peaker Project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.7-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.7-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 8.7.2, 8.7.3.1 & 8.7.3.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.7.7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.7-7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No. 0 Date 9/5/01

Technical Area: **Worker Safety & Fire Protection**

Project: GWF Henrietta Peaker Project

Technical Staff: Ramesh Sundareswaran

Project Manager: Bob Eller

Docket: 01-AFC-18

Technical Senior: Rick Tyler

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
§25552(e)(1) (All)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.7.3	Yes	
§25552(e)(2) (All)	[a]ssure protection of public health and safety;	Section 8.7.3	Yes	
§25552(e)(3) (All)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sections 8.7.3.1 & 8.7.3.2	Yes	
§25552(e)(4) (All)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
§25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			